

WATER-IN-OIL EMULSIONS WITH ETHYLENE OXIDE GROUPS,  
COMPOSITIONS, AND METHODS

5 ABSTRACT OF THE DISCLOSURE

Water-in-oil emulsions, compositions, and methods that include a vinyl  
polymer that includes ethylene oxide-containing side chains and alkyl-Y-  
containing side chains, wherein Y is O or NR, wherein R is H or CH<sub>3</sub>, and  
wherein the alkyl group of the alkyl-Y-containing side chain has at least 4  
10 carbon atoms on average in a cyclic, branched-, or straight-chain configuration  
and optionally including one or more heteroatoms.

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